

IGFBP-6 ELISA Pair Set | IGFBP6 elisa pair set

IGFBP-6 Matched ELISA Antibody Pair Set, Human

CATALOG #
AAA257392

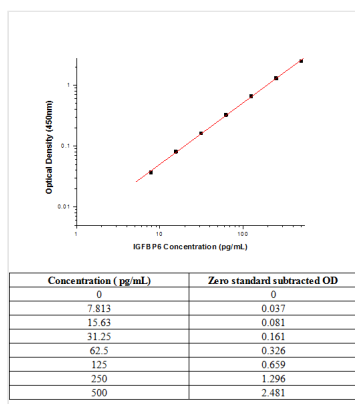
PRODUCT SYNONYMS

IGFBP-6; IGFBP-6 Matched ELISA Antibody Pair Set; Human; Human IGFBP6/IBP6 ELISA Pair Set; insulin-like growth factor binding protein 6; IBP6 Matched ELISA Antibody Pair Set; IGFBP6 elisa pair set

PRODUCT SPECIFICATIONS

Specificity	Quantitative determination of Human IGFBP-6
Assay Type	Solid Phase Sandwich ELISA
Detection Range	7.8-500pg/mL
Sensitivity	7.8pg/ml
Materials Provided	- Capture Antibody 0.5 mg/mL of mouse anti-Human IGFBP6/IBP6 monoclonal antibody (in PBS, pH 7.4). Dilute to a working concentration of 2ug/mL in PBS before coating. - Detection Antibody 0.2 mg/mL of rabbit anti-Human IGFBP6/IBP6 monoclonal antibody conjugated to horseradish-peroxidase (HRP) (in PBS, 50 % HRP-Protector, pH 7.4, store at 4 degree C). Dilute to working concentration of 0.5ug/mL in detection antibody dilution buffer before use. - Standard Each vial contains 45 ng of recombinant Human IGFBP6/IBP6. Reconstitute with 1 mL detection antibody dilution buffer. After reconstitution, store at -20 degree C to -80 degree C in a manual defrost freezer. A seven-point standard curve using 2-fold serial dilutions in sample dilution buffer, and a high standard of 500 pg/mL is recommended.
Preparation and Storage	Capture Antibody: Aliquot and store at -20 degree C to -80 degree C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles. Detection Antibody: Store at 4 degree C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE! Standard: Store lyophilized standard at -20 degree C to -80 degree C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80 degree C for up to 1 month. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for IGFBP6 elisa pair set	Insulin-like growth factor-binding protein 6 (IGFBP6) is a 24-kDa protein that binds insulin-like growth factor 1 (IGF-1) and IGF-2 with high affinity and inhibits IGF action in vitro. The Insulin-like growth factor-binding protein also known as IGFBP serves as a carrier protein for Insulin-like growth factor 1. IGFBPs are distinct but are sharing regions with strong homology. All members of the IGFBP family bind IGF-I and IGF-II with about equal affinity. Insulin-like growth factor (IGF) binding proteins (IGFBPs) have been shown to either inhibit or enhance the action of IGF or act in an IGF-independent manner in the prostate. IGF-binding protein-4 (IGFBP-4) inhibits IGF-I action in vitro and is the most abundant IGFBP in the rodent arterial wall. IGFBP6 is directly downregulated by the beta-catenin/TCF complex in desmoid tumors, and imply a role for the IGF axis in the proliferation of desmoid tumors. There is mounting evidence that the structure of the IGFBP proteins plays a key role in the regulation of IGF bioavailability, by modulating its molecular size, capillary membrane permeability, target tissue specificity, cell membrane adherence, and IGF affinity. This IGFBP-6 Matched ELISA Antibody Pair Set, Human is a solid phase sandwich ELISA for quantitative determination of Human IGFBP-6. It contains Human IGFBP-6 capture antibody, Human IGFBP-6 detector antibody (HRP) and a highly purified HEK293-expressed recombinant Human IGFBP-6 protein.
References	Denys H, et al. (2004) Identification of IGFBP-6 as a significantly downregulated gene by beta-catenin in desmoid tumors. Oncogene. 23(3): 654-64.Bach LA. Insulin-like growth factor binding protein-6: the "forgotten" binding protein? Horm Metab Res. 31(2-3): 226-34.Bach LA. IGFBP-6 five years on; not so 'forgotten'? Growth Horm IGF Res. 15(3): 185-92.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/igfbp6-elisa-pair-set/igfbp-6/257392>